



innovative chemical technologies, inc.

## **FLEXIWET PD-15**

### **TECHNICAL DATA SHEET**

- ◆ **Low Foaming, Partially Fluorinated Greaseproofing Treatment for the full range of Paper Substrates**
- ◆ **Approved for Use under FDA for Food Contact Applications (21 CFR 176.170 and 21 CFR 176.180)**
- ◆ **Water Based – Ships D.O.T. Non-Regulated (no RED Label)**
- ◆ **UV Resistant – maintains performance on paper that is later subjected to UV-EB curing**
- ◆ **Does not impart color, or change optical properties of the coated substrate**

### **APPLICATIONS**

- ◆ **Paper and Paperboard (incl. whiteboard)**
- ◆ **Cardboard**

## TECHNICAL INFORMATION

Flexiwet PD-15 is a proven greaseproofing treatment in a wide variety of paper, paperboard, and cardboard applications, from food wraps and pizza boxes to business forms and “Bible” paper. It’s compatible with many common starches (ie, Penford 280), and as such can be employed in the size press. Of course, exhaust application is also possible. Dilution of this product in hard water can cause precipitation and should be avoided. Use of a chelant is recommended if the water hardness exceeds 100 ppm.

The product is broadly represented on the chemical inventories across North America, Europe, and Asia (contact us directly for questions about specific chemical inventories).

## APPLICATION

Use rates for Flexiwet PD-15 per FDA Guidelines limit application rates to result in not more than 1.2 lbs as delivered per 1000 square feet. For non-food contact uses, 1.0-1.5 lbs per 1000 square feet are typical.

## TYPICAL PROPERTIES

Appearance	Amber Emulsion
Density @ 25 <sup>0</sup> C	1.05 +/- 0.02 g/ml (8.8 lbs/gal)
pH (as is)	8-10
Water Solubility	Dispersible
Boiling Point	Approx. 100 <sup>0</sup> C
Actives:	14%

## PACKAGING/HANDLING

Flexiwet PD-15 is available in totes (Net Wt. 2205 lbs), 55 gallon drums (Net Wt. 441 lbs), and 5 gallon pails (Net Wt. 40 lbs).

DOT Classification is Non Regulated.

Product separates when thawed after freezing; thaw/mix thoroughly before use.

**Do not freeze.**